

Engineering has reviewed the plans for the Government Center Apartments project submitted June 17, 2016 and have the following comments:

1. Page 1 of the application – Revise II.2. to ‘yes’ and provide the same State permit number as II.1.
2. Note only – a building’s roof overhang does not need to be included as part of the impervious surface area. You can use the 15,079.61 square footage instead of the 17,508 square footage if you so desire. Should you choose to use the building footprint please make sure to update the entire application.
3. There is an extra ‘5’ in the Impervious Sidewalks number in the table on page 3 of the application.
4. Any portion of the two proposed driveways and any new sidewalk that is located inside the Government Center right of way will need to be accounted for as offsite newly constructed impervious area. Add this square footage to the site data on sheet 1 and to table on page 4 of the application.
5. Even though you are not taking credit for pervious concrete, it still must function. Please revise the construction sequence to include the pervious concrete. Make certain the construction sequence is added to the plans.
6. There appears to be some flooding during the 50-year storm event in the northern system. Please look to see if there is any way to minimize the HGL during the 50-year for that system. Try to minimize the flooding of the drive aisles since that looks to be the extent of the flooding.
7. Please provide the FFE of the proposed buildings on the plans.
8. Is a portion of the existing sidewalk to be demolished/removed for the installation of the driveways? If so, show the portions to be demolished/removed. Add the square footage of sidewalk to be demolished/removed to the site data on sheet 1.
9. Is the lone pervious parking space required? I don’t see the need for this spot other than providing as many spaces as possible. This space may cause problems for the car parked in the last adjacent spot when backing out. Can this area be modified to eliminate the lone parking stall and also to keep the existing SSMH out of the curb and gutter?
10. Is a concrete flume necessary in the landscape island on the eastern side of the site? Is the idea to have runoff move from one side of the landscape island to the other so that the runoff will be collected in CB-1? Please explain.
11. Is the runoff from the back of the dumpster pad to enter straight into the pond from the embankment or is it to be directed to DI-2? Can some type of measure to prevent erosion be added?
12. Is the survey information correct for the existing stormdrain system? The existing outfall invert is considerably higher than the existing upstream invert? The existing 18” CMP comes in lower than the existing inverts of the 36” RCP in the existing drop inlet?
13. Please provide a copy of the State stormwater permit for our files once it is obtained.

Please submit one complete set of revised plans, application and calculations to Engineering for additional review. Please call or email if there are any questions. Thank you.